

**Participant information**

Premier Building Systems  
James Hodgson  
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**Category**

Single Family Homes (under 3,000 sq. ft.)

**Project information**

Soo Hoo McCully Residence  
Seattle, WA 98101

**Date Completed:**

June 2019

**Dimensions of building (all floors of multi-story building):**

24x60

**Total sq. ft. of conditioned space:**

1,440 sq. ft.

**Built By (if different than applicant)**

Potential Energy/Vashon Build  
Greg Kruse  
10307 SW Cemetery Rd  
Vashon, WA 98070

**Panels Manufactured By: Company Name (members only):**

Premier Building Systems

**Designed By (if different than applicant - SIPA will only recognize members)**

Fab Cab  
Emory Baldwin or Bruce Waltar ([ebaldwin@fabcab.com](mailto:ebaldwin@fabcab.com) or [bwaltar@fabcab.com](mailto:bwaltar@fabcab.com))  
9517 25th Ave NE Suite 1A  
Seattle, WA 98115

**Describe the end use of the building:**

Residence

**How did SIP construction help you get this job?**

Speed of construction & energy code requirements.

**SIP wall thickness and core material:**

1552 sf of 6" EPS Walls

**SIP roof thickness and core material:**

1924 sf of 10" EPS Walls

**Describe the benefits of using SIPs on this project. Did SIPs help save time, labor, construction costs, or energy?**

SIPs provided a profound reduction in assembly time for the exterior shell of this house and detached garage. Assembly of both these structures took less than 2 weeks for 3 workers. It is likely this assembly would have taken at least 6 weeks as a stick frame, exterior shear plywood, batt insulation assembly. A rough estimate would be \$15,000 savings on labor alone. SIP materials costs are higher by comparison, but time is always an advantage.

**Describe any other energy-saving materials used in the building envelope other than SIPs. List U-values of windows used and the U or R-value of any insulation materials. (judged only for High Performance Category)**

FabCab major shell materials packages include energy-efficient SIPs, and windows with fir frames and exterior aluminum cladding.

**Please list any sustainable materials or design features not listed above, such as recycled materials, low-VOC finishes, landscaping, etc. (judged only for High Performance Category):**

The TimberCab shell package from Fab Cab also includes second growth 100% Douglas fir timbers for posts, beams, and rafters. The kit is pre-manufactured and packed flat. With assembly instructions Vashon Built successfully assembled the TimberCab home.